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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
087625,993	04/01/96	STRAATS	04860.P1885

B3M1/0505  
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EXAMINER
THLANG, E

ART UNIT	PAPER NUMBER
2305	

DATE MAILED: 05/05/97

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

# Office Action Summary

Application No.  
08/625,993

Applicant(s)  
Straats, Erik P.

Examiner  
Eric S. Thlang

Group Art Unit  
2305



- ☐ Responsive to communication(s) filed on \_\_\_\_\_
- ☐ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

## Disposition of Claims

- ☒ Claim(s) 1-5 \_\_\_\_\_ is/are pending in the application.
- Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- ☒ Claim(s) 1-5 \_\_\_\_\_ is/are rejected.
- ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- ☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

- ☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- ☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

- ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- ☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been
- ☐ received.
- ☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_
- ☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

- ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

- ☒ Notice of References Cited, PTO-892
- ☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 3
- ☐ Interview Summary, PTO-413
- ☒ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

### **Part III DETAILED ACTION**

1. Claims 1-5 are presented for examination.

#### ***Informalities - Objections***

2. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

#### ***Drawings***

3. The drawings are objected to because:
  - a) in Figs. 2-3, they are objected to as is indicated in the PTO-FORM 948.
4. Direct any inquires concerning drawing review to the Drawing Review Branch at (703) 305 - 8404.

#### ***Claim Rejections - 35 U.S.C. § 102***

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

6. Claim 1-5 is rejected under 35 U.S.C. § 102(e) as being anticipated by Edem et al. (US. 5,406,559).

7. Edem discloses (e.g., see Figs. 1-11) the invention substantially as claimed, taking claim 1 as an exemplary claim:

As per claim 1, Edem teaches:

(a) the establishing an isochronous channel within the computer step (Figs. 2B, 9a-c; col. 4, lines 41-61);

(b) configuring one of said plurality of nodes as a sender client of the isochronous channel and at least one of said plurality of nodes as receiver of the isochronous channel (Fig. 2B, #42,46; col. 4, lines 21-35); and

(c) transmitting isochronous data over said isochronous channel from said sender client to said receiver client (Figs. 5, 9).

As per claim 2, Edem teaches the establishing a linked list of buffers within said memory, said linked list of buffers managing said isochronous data by temporarily storing said isochronous data, after transmission by said sender client ( Fig. 7, #132; col. 7, lines 21-54).

As per claim 3, Edem teaches:

(a) sending an isochronous data packet from said sender client over said isochronous channel (e.g., see Fig. 2B, 9,42,46; col. 4, lines 21-61); and

(b) generating an interrupt (col. 2, lines 48-63), the interrupt causing said central processing Unit (CPU)/processor (col. 4, lines 62-68) to execute computer readable instructions such that said CPU facilitates the transfer of said isochronous data packet to a plurality of storage locations (col. 7, lines 21-54) within said linked list of buffers.

As per claims 4, Edem teaches all claimed limitations as applied to claims 1-3 above.

As per claim 5, Edem teaches all claimed limitations as applied to claims 1-4 above. Furthermore, Edem teaches a plurality of point-to-point communication links, said communication links supporting an isochronous data channel within said computer system (Figs. 2-3 and 7, #46; col. 6, lines 24-45).

### ***Conclusion***

8. All claims are rejected.

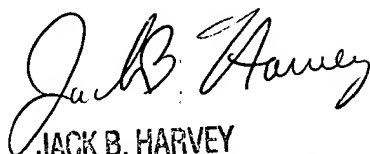
9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Rangan et al. (US. 5,566,169) teaches isochronous channels, plurality of nodes, plurality of point-to-point communications (e.g., see Figs. 1-26), and generating an interrupt, the interrupt causing said CPU to execute computer readable instructions such that CPU facilitates the transfer of isochronous data packet to a plurality of storage locations within linked list of buffers (Fig. 7, #138; col. 13, lines 22-53).

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Eric S. Thlang, whose telephone number is (703) 305-4004. The examiner can normally be reached on Monday-Thursday from 8:00AM- 5:30PM. The examiner can also be reached on alternate Fridays during the same hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Harvey, can be reached on (703) 305-9705. The fax phone number for this Group is (703) 308-5358.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.

  
JACK B. HARVEY  
SUPERVISORY PATENT EXAMINER  
GROUP 2300

EST  
April 22, 1997